

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Peter Lu</td><td>01/19/2007</td></tr><tr><td>Jeffrey R. Heaton</td><td>01/18/2007</td></tr><tr><td>James W. Heaton</td><td>01/23/2007</td></tr><tr><td>Tsang Kei Sun</td><td>01/24/2007</td></tr><tr><td>Peter Loh Hong Pao</td><td>01/24/2007</td></tr><tr><td>Robert Loke Hang Lam</td><td>01/24/2007</td></tr></tbody></table>	Name	Execution Date	Peter Lu	01/19/2007	Jeffrey R. Heaton	01/18/2007	James W. Heaton	01/23/2007	Tsang Kei Sun	01/24/2007	Peter Loh Hong Pao	01/24/2007	Robert Loke Hang Lam	01/24/2007	
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Peter Loh Hong Pao	01/24/2007														
Robert Loke Hang Lam	01/24/2007														
RECEIVING PARTY DATA															
Name:	Halo Electronics, Inc.														
Street Address:	1861 Landings Drive														
City:	Mountain View														
State/Country:	CALIFORNIA														
Postal Code:	94043														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Patent Number:</td><td>6297721</td></tr></tbody></table>	Property Type	Number	Patent Number:	6297721											
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Patent Number:	6297721														
CORRESPONDENCE DATA															
Fax Number:	(650)712-0263														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	6507120340														
Email:	kmarley@hmbay.com														
Correspondent Name:	Warren S. Wolfeld														
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Address Line 2:	Haynes Beffel & Wolfeld LLP														
Address Line 4:	Half Moon Bay, CALIFORNIA 94019														
ATTORNEY DOCKET NUMBER:	HALO 0100-3/PJS														

OP \$40.00 6297721

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PATENT  
REEL: 018847 FRAME: 0521

NAME OF SUBMITTER:

Warren S. Wolfeld

Total Attachments: 6

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**JOINT TO CORPORATE  
ASSIGNMENT**

WHEREAS, the undersigned,

- |   |   |
|---|---|
| (1) Peter Lu<br>6021 Stone Trace Lane<br>Flower Mound, TX 75028<br>Citizenship: US  | (2) Jeffrey R. Heaton<br>19832 Rodrigues Ave.<br>Cupertino, CA 95014<br>Citizenship: US   |
| (3) James W. Heaton<br>8725 Placid Street<br>Las Vegas, NV 89123<br>Citizenship: US   | (4) Tsang Kei Sun<br>Flat E, 13/F, Block 5<br>Rhine Garden<br>Sham Tseng, N.T., Hong Kong<br>Citizenship: Hong Kong                       |
| (5) Peter Loh Hong Pao<br>Flat A1 9/F, Carnarvon Mansion<br>10 Carnarvon Road<br>Kowloon, Hong Kong<br>Citizenship: Hong Kong | (6) Robert Loke Hang Lam<br>Flat A, 8/F Tower 1, The Astrid<br>180 Argyle Street Homantin<br>Kowloon, Hong Kong<br>Citizenship: Hong Kong |

hereinafter termed "Inventors", have invented certain new and useful improvements in

**ELECTRONIC SURFACE MOUNT PACKAGE**

and

[X] have filed a non-provisional application for a United States patent disclosing and identifying the above invention on 24 November 1997 as Application No. 08/977,407 (Now Patent 6,297,721),

(hereinafter termed "application"); and

WHEREAS, Halo Electronics, Inc. a corporation of the State of California, having a place of business at 1861 Landings Drive, Mountain View, California, 94043 (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said applications and said invention; (b) in and to all rights to apply for foreign patents (including patent, utility model and industrial design) on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise, including the right to claim priority from the applications; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extension of any of said patents.

2. Said Inventors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said application; (c) for filing and prosecuting substitute, divisional, continuing or additional application covering said invention; (d) for filing and prosecuting application for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any application therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, the Inventors' respective heirs, legal representatives and assigns.

4. Said Inventors hereby warrant and represent that said Inventors have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the date/s written below.

Date: \_\_\_\_\_

Signed: \_\_\_\_\_  
Peter Lu

Date: \_\_\_\_\_

Signed: \_\_\_\_\_  
Jeffrey R. Heaton

Application No. 08/977,407  
Patent No. 6,297,721

Atty Docket: HALO 100-3

Date: \_\_\_\_\_

Signed: \_\_\_\_\_  
James W. Heaton

Date: 24 JAN 2007

Signed: Tsang Kei Sun  
Tsang Kei Sun

Date: 24 JAN 2007

Signed: Peter Loh Hong Pao  
Peter Loh Hong Pao

Date: 24 JAN 2007

Signed: Robert Loke Hang Lam  
Robert Loke Hang Lam

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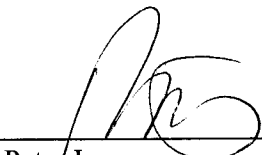
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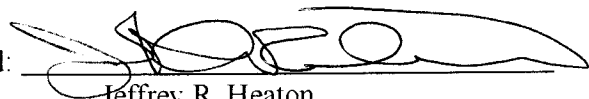
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IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the date/s written below.

Date: 1/19/07

Signed:   
Peter Lu

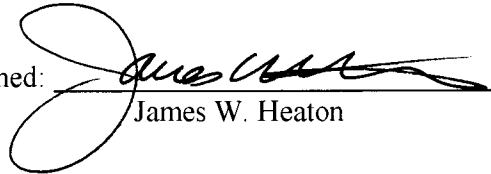
Date: 1/18/07

Signed:   
Jeffrey R. Heaton

Application No. 08/977,407  
Patent No. 6,297,721

Atty Docket: HALO 100-3

Date: Jan 23, 2007

Signed:   
James W. Heaton

Date: \_\_\_\_\_

Signed: \_\_\_\_\_  
Tsang Kei Sun

Date: \_\_\_\_\_

Signed: \_\_\_\_\_  
Peter Loh Hong Pao

Date: \_\_\_\_\_

Signed: \_\_\_\_\_  
Robert Loke Hang Lam